



1636
ATTORNEY'S DOCKET NUMBER: 2003320-0032

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Jarrell *et al.*
Serial No: 09/910,354
Filing Date: July 20, 2001
Title: Modular Vector Systems

Examiner: Vogel, Nancy
Group Art Unit: 1636

Mail Stop: Amendments
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

TRANSMITTAL LETTER

Enclosed are the following documents:

1. Statement under 37 C.F.R. §§ 1.56, 1.97, and 1.98 (6 pages);
2. Form PTO-1449 (2 pages);
3. Cited Art (18 references); and
4. Return Postcard.

If any additional fees are required to be paid or if any overpayment has been made, please charge same to Deposit Account No. 03-1721.

Respectfully submitted,

Cameron M. Luitjens, Ph.D.
Registration Number: 58,674

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Dated: July 16, 2007
4228177v1

Certificate of Mailing

I certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as First Class Mail in an envelope addressed to Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

July 16, 2007

Date

Signature

Vincent Montalbano

Typed or Printed Name of person signing certificate



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STATEMENT UNDER 37 C.F.R. §§ 1.56, 1.97, AND 1.98

Pursuant to the duty of disclosure under 37 C.F.R §§ 1.56, 1.97 and 1.98, Applicant requests consideration of this Information Disclosure Statement.

Type of Statement

The present Information Disclosure Statement is:

- ☐ An *original* Information Disclosure Statement; or
☒ A *supplemental* Information Disclosure Statement.

Certificate of Mailing

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July 18, 2007
Date

Signature

Vincent Montalbano
Name of Person Signing

Compliance with 37 CFR § 1.97

The present Information Disclosure Statement is being filed:

- ☒ Pursuant to 37 CFR § 1.97(b); no fee or certification is required:
- ☐ Within three months of the filing date of a national application other than a continued prosecution application under § 1.53(d);
 - ☐ Within three months of the date of entry of the national stage as set forth in § 1.491 in an international application;
 - ☐ Before the mailing of a first Office action on the merits; or
 - ☒ Before the mailing of a first Office action after the filing of a request for continued examination under § 1.114.
- ☐ Pursuant to 37 CFR § 1.97(c) after the dates listed above but before the mailing date of any of a final action under § 1.113, a notice of allowance under § 1.311, or an action that otherwise closes prosecution in the application; Applicant hereby *either*:
- ☐ Certifies that *either*:
 - ☐ each item of information contained in the information disclosure statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of the information disclosure statement; or
 - ☐ That no item of information contained in the information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the person signing the certification after making reasonable inquiry, no item of information contained in the

information disclosure statement was known to any individual designated in § 1.56(c) more than three months prior to the filing of the information disclosure statement; or

☐ Includes herewith the fee set forth in § 1.17(p),

☐ Pursuant to 37 CFR § 1.97(d), after the mailing date of any final action under § 1.113, a notice of allowance under § 1.311, or an action that otherwise closes prosecution in the application; Applicant hereby *both*:

☐ Certifies that *either*:

☐ each item of information contained in the information disclosure statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of the information disclosure statement; or

☐ That no item of information contained in the information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the person signing the certification after making reasonable inquiry, no item of information contained in the information disclosure statement was known to any individual designated in § 1.56(c) more than three months prior to the filing of the information disclosure statement; and

☐ Includes herewith the fee set forth in § 1.17(p).

Content of the Information Disclosure Statement

Applicant hereby makes of record in the above-identified application the reference(s) listed on the attached form PTO-1449 (modified). The order of presentation of the references should not be construed as an indication of the importance of the references.

Applicant includes copies of references as indicated below:

- ☒ A copy of each cited reference not indicated with an asterisk is included;
- ☒ A copy of each of the references cited on the attached form PTO-1449 (modified) is enclosed, except for U.S. patents and U.S. patent application publications for which the submission requirement has been waived by the PTO in the Official Gazette Notice of August 5, 2003, for applications filed after June 30, 2003;
- ☐ Copies of references indicated with an asterisk on the attached form PTO-1449 are not included pursuant to 37 CFR § 1.98(d) because they were previously provided to the United States Patent Office in an Information Disclosure Statement that complies with 37 CFR § 1.98(a)-(c) and was submitted in the following patent application that is relied upon in the present case for an earlier effective filing date under 35 USC § 120:

Serial Number	Filing Date	Status

- ☐ Copies of English translations of one or more non-English references are included.

Applicant hereby makes the following additional information of record in the above-identified application:

Applicant certifies that the Information Disclosure Statement *either*:

- ☒ Does not contain non-English language citations;

- [] Includes one or more translations of a non-English citation; or
- [] Does contain non-English language citations, of which the following is a concise explanation:

Remarks

The submission of this Information Disclosure Statement should not be construed as a representation that a search has been made.

The submission of this Information Disclosure Statement shall not be construed to be an admission that the information cited in the statement is, or is considered to be, material to patentability as defined in § 1.56(b) .

The submission of this Information Disclosure Statement shall not be construed as a representation that the information cited in the Statement is, or is considered to be, in fact, prior art as defined by 35 USC § 102.

It is respectfully requested that:

1. The Examiner consider completely the cited information, along with any other information, in reaching a determination concerning the patentability of the present claims;
2. The enclosed form PTO-1449 be signed by the Examiner to evidence that the cited patent(s) and publication(s) has (have) been fully considered by the Patent and Trademark Office during the examination of this application; and
3. The citations for the patent(s) and publication(s) be printed on any patent which issues from this application.

Notwithstanding any statements by Applicants, the Examiner is urged to form his or her own conclusions regarding the relevance of the cited reference(s).

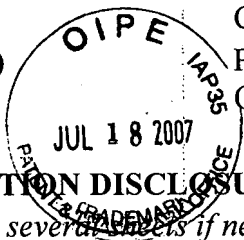
Respectfully submitted,

Dated: July 16, 2007

A handwritten signature in black ink, appearing to read 'Cameron M. Luitjens', written over a horizontal line.

Cameron M. Luitjens, Ph.D.
Registration Number: 58,674

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**INFORMATION DISCLOSURE STATEMENT**

(Use several sheets if necessary)

Applicant: Jarrell *et al.*Filing Date:
July 20, 2001

Group: 1636

U.S. PATENT DOCUMENTS

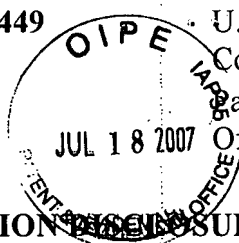
Examiner's Initials	U.S. Patent No.	Applicant	Issue Date	Class	Subclass
	7,078,504	Short, et al.	July 18, 2006		
	7,078,035	Short, et al.	July 18, 2006		
	7,105,297	Minshull, et al.	September 12, 2006		
	7,148,054	Del Cardayre, et al	December 12, 2006		
	7,232,672	Weiner, et al.	June 19, 2007	435	189
	7,232,677	Short, et al.	June 19, 2007	435	196

U.S. PATENT APPLICATIONS

Examiner's Initials:	Serial Number:	Applicant:	Filing Date:	Group:	Art Unit:
	US 06/0166225	Gustafsson, et al.	May 5, 2006		
	US 06/0177831	Patten, et al.	October 5, 2006		
	US 06/0286603	Stemmer, et al.	October 19, 2006		
	US 06/0275804	Cayouette, et al.	November 16, 2006		
	US 06/0257890	Minshull, et al.	November 16, 2006		
	US 06/0259995	Short, et al.	December 7, 2006		
	US 06/0234299	Kolkman, et al.	December 21, 2006		
	US 06/0223143	Stemmer et al.	August 10, 2006		
	US 06/0205003	Maxygen, et al.	July 27, 2006		
	US 07/0087373	Punnonen, et al.	April 19, 2007		
	US 07/0087374	Punnonen, et al.	April 19, 2007		
	US 07/0092887	Stemmer, et al.	April 26, 2007		
	US 07/0087373	Punnonen, et al.	April 19, 2007		

FOREIGN PATENT DOCUMENTS

Examiner's Initials	Document No.	Country	Date	Translation	
				Yes	No
	WO 06/028684	PCT	March 16, 2006		
	WO 06/083276	PCT	August 10, 2006		
	WO 06/096527	PCT	September 14, 2006		
	WO 06/099207	PCT	September 21, 2006		



INFORMATION DISCLOSURE STATEMENT

(Use several sheets if necessary)

	WO 06/101584	PCT	September 28, 2006		
	WO 06/127040	PCT	November 30, 2006		
	WO 07/044083	PCT	April 19, 2007		
	EP 0839185 B1	Europe	November 22, 2006		
	EP 01696025 A2	Europe	September 13, 2006		
	EP 01696025 A3	Europe	August 30, 2006		
	EP 01690868 A1	Europe	August 16, 2006		
	EP 01707641 A2	Europe	October 4, 2005		
	EP 01707641 A3	Europe	December 27, 2006		
	EP 01717322 A2	Europe	November 2, 2006		

OTHER DOCUMENTS

Examiner's Initials	Citation (Including Author, Title, Date, Pertinent Pages, Etc.)
	Demarest et al., "Engineering stability into Escherichia coli secreted Fabs leads to increased functional expression", <i>Protein Eng Des Sel</i> , 19 (7): 325-36, 2006.
	Li, <i>et al.</i> , <i>Applied Microbio. And Biotech.</i> , 75 (3): 703-709, 2007.
	Li, <i>et al.</i> , <i>Nature Methods YNat. Methods</i> , 4 (3): 251-256, 2007.
	Silverman et al., "Multivalent avimer proteins evolved by exon shuffling of a family of human receptor domains", <i>Nature Biotechnology</i> , 23 (12): 1556-61, 2005.
EXAMINER	DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.